

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN	435	69.1

6376217

00506435208284-300

RTA	IFPKQYPIINFTTAGATVQSYTNFIRAVRGRLTTGADVRHEIPVLPNRVG	50
GELONIN	GLD-----TVSFSTKGATYITYVNFNLNLRVCLKPEGN-SHGIPLLRKKCD	45
RTA	LPINQRFILVELSNHAELSVTLALDVTNAYVVGVRAGNSAYFFHPDNQED	100
GELONIN	DP-GKCFVLVALSNDNGQLAEIAIDVTSVYVVGQVRNRSYFF---KDA	90
RTA	AEAITHLFTDVQNRYTFAFGGNYDRLEQLAGNLRENIELGNPLEEAISA	150
GELONIN	PDAAYEGLFKNTIKTRLHFGGTYPSELEG-EKAYRETTDLGIEPLRIGIKK	139
RTA	LYYSTGGTQPTLARSFIICIMISEAARFQYIEGEMTRIRYNRRSAP	200
GELONIN	LDENAIIDNYKPTIEASSLLVVIOMVSEARFTFIENQIRNN--FQQRIRP	187
RTA	DPSVITLENSWGRSLTAIOESN-QGAFASPIQLORRNGSKFSVDVSILI	249
GELONIN	ANNTISLENKWGKLSFQIRTSGANGMFSEAVELERANGKKYVYTAVDQVK	237
RTA	PIIALMVYRCAPPPSSQF	267
GELONIN	PKIALLKFDKDPK	251

FIG. 1





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RTA	IFPKOYPIINFITAGATVQSYTNFIRAVRGRLLTTGADVRHEIPVLPNRVG	50
LUFFIN	D-----VRFSLGSSSTSYSKFIGDLRKALPSNGTVYNLTILLSSASG	43
RTA	LPINQRFILVELSNHAELSVTLALDVTNAVVGVRAGNSAYFFHPDNQED	100
LUFFIN	---ASRYTLMTSLSNYDGKAITVAVDVSQLYIMGYLVNSTSYFF---NESD	87
RTA	AEAITHLFTDVQNRYTFAFGGNYDRLEQLAGNLRENIELGNGLPEEAISA	150
LUFFIN	AKLASQYVFKGSTIVTLPYSGNYEKLQTAAGKIREKIPLGFPALDSALTT	137
RTA	LYYSTGGTQLPTLARSFIICIONI SEAAARFQYIEGEMRTRIRYNRRSAP	200
LUFFIN	IFHYDSTAA-----AAAFVLILQTTAEASRFKYIEGQIIERI--SKNQVP	180
RTA	DPSVITLENS-WGRSLTAIQ--ESNQGAFASPIQLORRNGSKFSVYDVS	247
LUFFIN	SLATISLENSLWSALSQIQLAQTNGTFTKTPVITDDKQORVEITNVT	230
RTA	LIPIIALMVYRCAPPPSSQF	267
LUFFIN	KVVTKNIQILLNLYQNVA	248

















APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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\$H65K-1  
AGT CGT CGA CAC GAT GGA CAT GAG GAC CCC TGC TCA GTT TCT TGG CAT CCT CCT ACT CTG GTT  
TCC AGG TAT CAA ATG TGA CAT CCA GAT GAC TCA GT

HUH-K1  
TGA CTC GCC CGG CAA GTG ATA GTG ACT CTG TCT CCC AGA CAT GCA GAC ATG GAA GAT GAG GAC  
TGA GTC ATC TGG ATG TC

HUH-K2  
TCA CTT GCC GGG CGA GTC AGG ACA TTA ATA GCT ATT TAA GCT GGT TCC AGC AGA AAC CAG GGA  
AAT CTC CTA AGA CCC T

HUH-K3  
GAT CCA CTG CCA CTG AAC CTT GAT GGG ACC CCA TCT ACC AAT CTG TTT GCA CGA TAG ATC AGG  
GTC TTA GGA GAT TTC C

HUH-K4  
GGT TCA GTG GCA GTG GAT CTG GGA CAG ATT ATA CTC TCA CCA TCA GCA GCC TGC AAT ATG AAG  
ATT TTG GAA TTT ATT ATT G

HUH-K5  
GTT TGA TTT CAA GCT TGG TGC CTC CAC CGA ACG TCC ACG GAG ACT CAT CAT ACT GTT GAC AAT  
AAT AAA TTC CAA AAT CTT C

HUH-G1  
TGT CGA CAT CAT GGC TTG GGT GTG GAC CTT GCT ATT CCT GAT GGC AGC TGC CCA AAG TGC CCA  
AGC ACA GAT CCA GTT GGT GCA G

HUH-G2  
AAG GTA TAC CCA GAA GCT GCG CAG GAG ATT CTG ACG GAC CCT CCA GGC TTC TTC AGG CCA GGT  
CCA GAC TGC ACC AAC TGG ATC T



00510 42 44 46 48 50 52 54 56 58 60

pos	10	20	30	40	50
EU	DIQMTQS	PSTLSASVGDRVTITCRASQS	IN	TWLAWYQQKPGKAPKLLMY	KAS
hK1	DIQMTQS	PSSLASASVGDRVTITCRASQx	Is	xYLxWYQQKPGKAPKLLIY	aAS
TAC	QIVLTQS	PAIMSASPGKEKVTITCSASSS	IS	YMHWFQQKPGTSPKLIY	TTS
bind	+	+	+	+	+
bury	+	+	+	+	+
mod	•	•	•	•	•
M/H	H	HM	h	hM	MM
prop	DIQLTQS	PSSMSASPGDRVTITCRASSS	IS	YMHWFQQKPGKSPKLIY	TTS
Que	DIQMTQS	PSTLSASVGDRVTITCSASSS	IS	YMHWFQQKPGKAPKLLIY	TTS

  

pos	60	70	80	90	100
EU	SLESGVPSRFISGSGGTE	FTLTISLQPDDEFATYYCQYNSDS	KM	FGQGTKV	EVK
hK1	xLxsGVPSRFsGSGSGTx	FTLTISsLQpeDfATYYCqyxxxP	xt	FGqGtKv	eik
TAC	NLASGVPARFSGSGSGTS	YSLTISRMEAEADAATYYCHQRSTYP	LT	FGSGTKL	ELK
bind	-	-	-	-	-
bury	+	+	+	+	+
mod	•	•	•	•	•
M/H	M	M	hMh	M	h
prop	NLASGVPSRFSGSGSGTS	YTLTISsMQAEDFATYYCHQRSTYP	LT	FGQGTKL	ELK
Que	NLASGVPARFSGSGSGTE	FTLTISLQPDDEFATYYCHQRSTYP	LT	FGQGTKV	EVK

FIG. 12A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

[illegible][illegible]

FIG. 12B